

NON-DEFENSE ENVIRONMENTAL MANAGEMENT

The conference agreement appropriates \$333,618,000 instead of \$327,223,000 as proposed by the House and \$327,922,000 as proposed by the Senate.

The conference agreement includes \$595,000 for the National Low-Level Waste Program in fiscal year 2000. These funds are to be used to maintain Federal data bases for tracking and reporting on low-level waste disposal information.

The conference agreement includes an additional \$5,800,000 to complete cleanup at the Grand Junction site in Colorado in fiscal year 2000.

The conferees are aware of additional costs being incurred in the TMI Fuel Storage project related to compliance with Nuclear Regulatory Commission safety requirements. The Department should submit a reprogramming request as expeditiously as possible to remedy this shortfall.

URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND

The conference agreement appropriates \$250,198,000 instead of \$240,198,000 as proposed by the House and \$200,000,000 as proposed by the Senate.

An additional \$10,000,000 has been provided to accelerate cleanup activities at the gaseous diffusion plants in Paducah, Kentucky, and Portsmouth, Ohio, in an effort to deal with radioactive contamination of groundwater, surface water, and on-site burial grounds, as well as decontamination and decommissioning of facilities. The conferees are aware of over \$30,000,000 in additional cleanup work at the Paducah site alone that was identified in the Phase I preliminary investigation completed by the Department on September 14, 1999. The conferees urge the Department to substantially increase the funding request in fiscal year 2001 for the Paducah and Portsmouth facilities to fully characterize waste in and around the DOE reservations and to eliminate the existing threats to the residents, workers, and the environment.

Funding of \$30,000,000, the same as the budget request, has been provided for the uranium and thorium reimbursement program. The conferees recognize there are eligible uranium and thorium licensee claims under Title X of the Energy Policy Act that have been approved for reimbursement, but not yet paid in full. The conferees direct the Department of Energy to submit with the fiscal year 2001 budget request a current list of the licensees approved for payment, amounts paid to date, and remaining balances requiring reimbursement for each of the claimants.

SCIENCE

The conference agreement appropriates \$2,799,851,000, instead of \$2,718,647,000 as provided by the House or \$2,725,069,000 as provided by the Senate. The conference agreement does not include the Senate bill language providing funding for Boston College, the University of Missouri or the Natural Energy Laboratory of Hawaii.

High energy physics.—The conference agreement provides \$707,890,000 for high energy physics, instead of \$715,525,000 as provided by the House or \$691,090,000 as provided by the Senate. The conference agreement does not include the Senate reduction for research and development of a TeV scale center of mass accelerator. The conferees do have concerns about the early cost projections of this planned facility and urge the Department to consider reasonable expectations of budgets and significant international participation during the early planning process for this proposed facility.

Nuclear physics.—The conference agreement provides \$352,000,000 for nuclear phys-

ics, instead of \$357,940,000 as provided by the House or \$330,000,000 as provided by the Senate. The conference agreement does not include the Senate provision eliminating funding for the Bates Linear Accelerator Laboratory.

Biological and environmental research.—The conference agreement includes \$441,500,000, instead of \$406,170,000 as provided by the House or \$429,700,000 as provided by the Senate. The conferees have included \$19,500,000 for the low-dose effects program including a review of the Hiroshima dosimetry system. The conferees have not provided \$2,000,000 in the Defense Environment, Safety and Health account as proposed by the Senate for this review. The conferees have provided \$100,000 to study the effects of radiation on avian populations at the Nevada Test Site.

The conference agreement includes \$5,000,000 for improvements and optimum utilization of the University of Missouri research reactor and \$1,500,000 for the Natural Energy Laboratory in Hawaii. The conferees have provided \$2,500,000 for the bone marrow transplantation/radioimmunotherapy program at the City of Hope National Medical Center and \$1,000,000 for the Gallo Institute of the Cancer Institute of New Jersey. The conference agreement also includes \$1,000,000 for cancer research at the Burbank Hospital Regional Center in Fitchburg, Massachusetts; \$2,000,000 for the Midwest Proton Radiation Institute; \$1,000,000 for the Center for Research on Aging at Rush-Presbyterian-St. Luke's Medical Center in Chicago, Illinois; and \$1,000,000 for the breast cancer program at the North Shore-Long Island Jewish Health System.

The conference agreement includes \$1,500,000 for the Medical University of South Carolina's Cancer Research Center, \$1,500,000 for the West Virginia National Education and Technology Center, \$1,500,000 for the University of Las Vegas Science Complex, \$1,000,000 for the Science Center at Creighton University, and \$1,500,000 for the Utton Transboundary Center. The conference agreement includes \$10,000,000 to further development of technologies using advanced functional brain imaging methodologies, including magnetoencephalography, for conduct of basic research in mental illness and neurological disorders. The conferees are aware of research into the molecular basis of disease and MicroPET at the University of California Los Angeles and encourage the Department to review this new technology and possible collaborations and report back to the Committees.

Basic energy sciences.—The conference agreement includes \$783,127,000 instead of \$735,989,000 as recommended by the House or \$854,545,000 as recommended by the Senate. The conferees have included \$7,000,000 for the Experimental Program to Stimulate Competitive Research, the same amount as provided by the House and the Senate. The conferees included very modest reductions to BES research programs and they strongly oppose any effort by the Department to target one laboratory when allocating this reduction.

Spallation Neutron Source.—The recommendation includes \$117,900,000, including \$100,000,000 for line-item construction costs and \$17,900,000 for related research and development. The amount provided is \$69,000,000 less than the amount provided by the Senate and \$50,000,000 more than the amount provided by the House. The conferees have provided the same amount authorized in the House-passed authorization bill.

Computational and technology research.—The conference agreement includes \$132,000,000, instead of \$143,000,000 as provided by the House or \$129,000,000 as provided by the Senate. The conferees strongly support

the Department's current supercomputer programs including ASCI, NERSC, and modeling programs. The conferees urge the Department to submit a comprehensive plan for a non-Defense supercomputing program that reflects a unique role for the Department in this multi-agency effort and a budget plan that indicates spending requirements over a five-year budget cycle.

Energy research analyses.—The conference agreement includes \$1,000,000, the same amount provided by the House and the Senate.

Multiprogram energy labs—facility support.—The conference agreement includes \$21,260,000, the same amount provided by the House and the Senate. The conference agreement includes the additional \$1,000,000 provided by the House to fully fund the Department's commitment to the payment-in-lieu of taxes program and does not include the additional \$1,000,000 provided by the Senate for roofing improvements at Oak Ridge National Laboratory.

Fusion energy sciences.—The conference agreement includes \$250,000,000, the same amount provided by the House instead of \$220,614,000 as provided by the Senate. The conferees are pleased with the highly supportive recent report on fusion energy science from the Secretary of Energy's Advisory Board and with the comprehensive scientific plan developed by the Fusion Energy Sciences Advisory Committee (FESAC). The FESAC plan should be used by the Department as guidance in the allocation of the resources provided for fusion energy sciences.

Oak Ridge landlord.—The conference agreement includes \$11,800,000 as proposed by the House.

Program Direction.—The recommendation is \$131,108,000, instead of \$126,963,000 as proposed by the House or \$52,360,000 as proposed by the Senate. The conferees have provided \$52,360,000 for headquarters program direction activities, the same amount provided by the House and Senate.

FUNDING ADJUSTMENTS

The conference agreement includes a reduction of \$10,834,000 for contractor travel, the same amount as the budget request. The conferees have also included a \$1,000,000 reduction for management and operating contractors in Washington, D.C.; a \$10,000,000 general reduction; and a \$10,000,000 reduction reflecting the House provision to include all funding for science education activities with program direction funding.

NUCLEAR WASTE DISPOSAL

The conference agreement appropriates \$240,500,000 for Nuclear Waste Disposal instead of \$242,500,000 as proposed by the Senate and \$169,000,000 as proposed by the House.

The conference agreement includes \$500,000 for the State of Nevada instead of \$4,727,000 as proposed by the Senate and no funds as proposed by the House. This funding will be provided to the Department of Energy which will reimburse the State for actual expenditures on appropriate scientific oversight responsibilities conducted pursuant to the Nuclear Waste Policy Act of 1982. These funds may not be used for salaries and expenses for State employees in the oversight office.

The conference agreement includes \$5,432,000 for affected units of local government as proposed by the Senate instead of no funds as proposed by the House. Funding for the affected local governments is to be allocated in the same proportion as was provided to each affected local government in fiscal year 1998.

The conference agreement includes \$1,000,000 for seismic evaluations instead of \$3,000,000 as proposed by the Senate. No funds are provided in this account for the development of accelerator transmutation of waste technology.

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Department of Energy (in thousands)

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	Budget Request	Conference
SCIENCE		
High energy physics		
Research and technology.....	227,190	229,190
Facility operations.....	441,200	450,000
Construction		
00-G-307 SLAC office building.....	2,000	2,000
99-G-306 Wilson hall safety improvements, Fermilab.....	4,700	4,700
98-G-304 Neutrinos at the main injector, Fermilab.....	22,000	22,000
Subtotal, Construction.....	28,700	28,700
Subtotal, Facility operations.....	469,900	478,700
Total, High energy physics.....	697,090	707,890
Nuclear physics.....	352,825	352,000
Biological and environmental research.....	411,170	441,500
Basic energy sciences		
Materials sciences.....	407,636	406,000
Chemical sciences.....	215,577	209,582
Engineering and geosciences.....	37,545	37,545
Energy biosciences.....	31,226	31,000
Construction		
99-E-334 Spallation neutron source (ORNL).....	196,100	100,000
Total, Basic energy sciences.....	888,084	783,127

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	Budget Request	Conference
Other energy research		
Computational and technology research.....	196,875	132,000
Energy research analyses.....	1,000	1,000
Multiprogram energy labs - facility support		
Infrastructure support.....	1,160	2,160
Construction		
MEL-001 Multiprogram energy laboratory		
infrastructure projects, various locations.....	18,351	18,351
Multiprogram general purpose facilities		
Construction		
94-E-363 Roofing improvements (ORNL).....	749	749
Subtotal, Multiprogram energy labs - fac. suppor	20,260	21,260
Total, Other energy research.....	218,135	154,260
Fusion energy sciences program.....	222,614	250,000
Oak Ridge landlord.....	---	11,800
Program direction		
Headquarters.....	52,360	52,360
Field offices.....	---	78,748
Total, Program direction.....	52,360	131,108
Subtotal, Science.....	2,842,278	2,831,685
Contractor travel savings.....	-10,834	-10,834
General reduction.....	---	-21,000
TOTAL, SCIENCE.....	2,831,444	2,799,851